be applied to the sides of the laminar structure to provide the mechanism equivalent to a single piece mechanism as indicated in a block **506**.

While the present invention has been described with reference to the details of the embodiments of the invention shown in the drawing, these details are not intended to limit the scope of the invention as claimed in the appended claims.

What is claimed is:

1. A weak-link mechanism comprising:

a stack of a plurality of thin material structures;

said stack of structures forming a laminar structure;

each of said thin material structures including multiple weak-link connections providing controllable movements in a plane of the stack and said laminar structure having a set stiffness and stability;

each of said plurality of thin material structures including predetermined locating-holes; and

said stack of a plurality of thin material structures being secured together with fasteners received in predefined ones of said predetermined locating-holes and including an adhesive coated to sides of said stack.

2. A weak-link mechanism as recited in claim **1** wherein each of said plurality of thin material structures is formed of a metal.

3. A weak-link mechanism as recited in claim **1** wherein said multiple weak-link connections include a plurality of connecting links.

4. A weak-link mechanism as recited in claim **1** wherein said multiple weak-link connections include at least four connecting links.

5. A weak-link mechanism comprising:

a stack of a plurality of thin material structures;

said stack of structures forming a laminar structure;

each of said thin material structures including multiple weak-link connections providing controllable movements in a plane of the stack and said laminar structure having a set stiffness and stability; and

each of said plurality of thin material structures being formed of a thin stainless steel sheet.

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